

AMENDMENTS TO THE CLAIMS

1-15. (Canceled)

16. (Currently Amended): A method of fabricating a thin film transistor, comprising:

providing a substrate;

depositing amorphous silicon on the substrate;

patterning the amorphous silicon to form a plurality of [[plural]] island-shaped amorphous silicon layers;

forming spaces between the substrate and the amorphous silicon layers;

forming a channel region, a source ohmic contact region, and a drain ohmic contact region [[regions]] on each of the amorphous silicon layers by ion doping the island-shaped amorphous silicon layers;

forming a first insulating layer over the amorphous silicon layers;

crystallizing the plurality of the island-shaped amorphous silicon layers ~~the amorphous silicon layers~~ to form a plurality of an island-shaped polysilicon layers by irradiating laser beams onto the first insulating layer, wherein the plurality of the island-shaped polysilicon layers are the active layers of the thin film transistor;

forming a gate electrode on the first insulating layer; and

forming source and drain electrodes that contact the source and drain ohmic contact regions, respectively.

17. (Currently Amended): The method of claim 16, wherein the forming of the channel region, the source ohmic contact region, and the drain ohmic contact region [[regions]] on each of the amorphous silicon layers is performed by forming ion stoppers on the island-shaped amorphous silicon layers, using the ion stoppers as masks during doping, and then removing the ion stoppers.

18. (Original): The method of claim 16, wherein the spaces are formed by etching an upper side of the substrate.

19. (Original): The method of claim 16, wherein the spaces are formed by depositing a space-forming layer between the substrate and the amorphous silicon, and then patterning the space-forming layer to form the spaces therein.

20. (Original): The method of claim 16, wherein the source and drain electrodes are formed under the active layers.

21. (Original): The method of claim 16, further including forming a second insulating layer on the gate electrode such that the second insulating layer includes contact holes that expose the source and drain ohmic contact regions.

22. (Original): The method of claim 21, further including forming source and drain electrodes on the second insulating layers that contact the active layers via the contact holes.

23. (Currently Amended): The method of claim 20, further including forming ~~doped the~~ source and drain ohmic contact regions having island-shapes on the source and drain electrodes.

24. (Original): The method of claim 23, wherein the source and drain regions are formed of amorphous silicon.

25. (Original): The method of claim 23, wherein the source and drain regions are formed in contact with the plurality of active layers.

26-29. (Canceled)